

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/518,056
Source: PCT
Date Processed by STIC: 03/03/2006

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 03/03/2006

PATENT APPLICATION: US/10/518,056

TIME: 13:00:22

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\03032006\J518056.raw

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3 <110> APPLICANT: FRESKGARD, Per-Ola
4   PEDERSEN, Henrik
6 <120> TITLE OF INVENTION: MICROARRAYS DISPLAYING ENCODED MOLECULES
8 <130> FILE REFERENCE: FRESKGARD8
10 <140> CURRENT APPLICATION NUMBER: 10/518,056
11 <141> CURRENT FILING DATE: 2004-12-16
13 <150> PRIOR APPLICATION NUMBER: PCT/DK02/00419
14 <151> PRIOR FILING DATE: 2002-06-20
16 <150> PRIOR APPLICATION NUMBER: US 10/175,539
17 <151> PRIOR FILING DATE: 2002-06-20
19 <150> PRIOR APPLICATION NUMBER: DENK 2002/01953
20 <151> PRIOR FILING DATE: 2002-12-19
22 <150> PRIOR APPLICATION NUMBER: US 60/434,664
23 <151> PRIOR FILING DATE: 2002-12-20
25 <150> PRIOR APPLICATION NUMBER: PCT/DK03/00417
26 <151> PRIOR FILING DATE: 2003-06-20
28 <160> NUMBER OF SEQ ID NOS: 69
30 <170> SOFTWARE: PatentIn version 3.3
32 <210> SEQ ID NO: 1
33 <211> LENGTH: 20
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Synthetic
40 <400> SEQUENCE: 1
41 gcacactagc ttgagcacac
44 <210> SEQ ID NO: 2
45 <211> LENGTH: 35
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Synthetic
53 <220> FEATURE:
54 <221> NAME/KEY: misc_feature
55 <222> LOCATION: (35)..(35)
56 <223> OTHER INFORMATION: n is c with 5' attached Asp
58 <400> SEQUENCE: 2
W--> 59 catgggagtc ctatggtgtg ctcaagctag tgtgn
62 <210> SEQ ID NO: 3
63 <211> LENGTH: 35
64 <212> TYPE: DNA
65 <213> ORGANISM: Artificial
67 <220> FEATURE:

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68 <223> OTHER INFORMATION: Synthetic
71 <220> FEATURE:
72 <221> NAME/KEY: misc_feature
73 <222> LOCATION: (1)..(1)
74 <223> OTHER INFORMATION: n is g with 5' attached Asp
76 <400> SEQUENCE: 3
W--> 77 ncacactagc ttgagcacac cataggactc ccatg 35
80 <210> SEQ ID NO: 4
81 <211> LENGTH: 35
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Synthetic
88 <400> SEQUENCE: 4
89 catgggagtc cttaccacac gagttcgatc acacg 35
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 35
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Synthetic
101 <220> FEATURE:
102 <221> NAME/KEY: misc_feature
103 <222> LOCATION: (1)..(1)
104 <223> OTHER INFORMATION: n is g with 5' attached Asp
106 <400> SEQUENCE: 5
W--> 107 ncacactagc ttgagcacac cataggactc ccatg 35
110 <210> SEQ ID NO: 6
111 <211> LENGTH: 47
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Synthetic
119 <220> FEATURE:
120 <221> NAME/KEY: misc_feature
121 <222> LOCATION: (16)..(24)
122 <223> OTHER INFORMATION: N is inosine
124 <220> FEATURE:
125 <221> NAME/KEY: misc_feature
126 <222> LOCATION: (47)..(47)
127 <223> OTHER INFORMATION: n is c with 3' attached Gly
129 <400> SEQUENCE: 6
W--> 130 gcattgtcga agcatnnnnn nnnnatgggtg tgctcaagct agtgtgn 47
133 <210> SEQ ID NO: 7
134 <211> LENGTH: 47
135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Synthetic

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142 <220> FEATURE:
143 <221> NAME/KEY: misc_feature
144 <222> LOCATION: (1)..(1)
145 <223> OTHER INFORMATION: n is g with 5' attached Gly-Asp
147 <400> SEQUENCE: 7
W--> 148 ncacactagc ttgagcacac cataggactc ccatgcttcg acaatgc 47
151 <210> SEQ ID NO: 8
152 <211> LENGTH: 47
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Synthetic
160 <220> FEATURE:
161 <221> NAME/KEY: misc_feature
162 <222> LOCATION: (16)..(24)
163 <223> OTHER INFORMATION: N is inosine
165 <400> SEQUENCE: 8
W--> 166 gcattgtcga agcatnnnnn nnnnatgggtg tgctcaagct agtgtgc 47
169 <210> SEQ ID NO: 9
170 <211> LENGTH: 47
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Synthetic
178 <220> FEATURE:
179 <221> NAME/KEY: misc_feature
180 <222> LOCATION: (1)..(1)
181 <223> OTHER INFORMATION: n is g with 5' attached Gly-Asp
183 <400> SEQUENCE: 9
W--> 184 ncacactagc ttgagcacac cataggactc ccatgcttcg acaatgc 47
187 <210> SEQ ID NO: 10
188 <211> LENGTH: 74
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Synthetic
196 <220> FEATURE:
197 <221> NAME/KEY: misc_feature
198 <222> LOCATION: (31)..(39)
199 <223> OTHER INFORMATION: N is inosine
201 <220> FEATURE:
202 <221> NAME/KEY: misc_feature
203 <222> LOCATION: (43)..(51)
204 <223> OTHER INFORMATION: N is inosine
206 <220> FEATURE:
207 <221> NAME/KEY: misc_feature
208 <222> LOCATION: (74)..(74)
209 <223> OTHER INFORMATION: n is c with 3' attached Arg
211 <400> SEQUENCE: 10

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W--> 212 gcgggatcggt aaagctgcgt gatctccgca nnnnnnnnnnc atnnnnnnnnn natggtgtgc      60
W--> 214 tcaagctagt gtgn      74
      217 <210> SEQ ID NO: 11
      218 <211> LENGTH: 74
      219 <212> TYPE: DNA
      220 <213> ORGANISM: Artificial
      222 <220> FEATURE:
      223 <223> OTHER INFORMATION: Synthetic
      226 <220> FEATURE:
      227 <221> NAME/KEY: misc_feature
      228 <222> LOCATION: (1)..(1)
      229 <223> OTHER INFORMATION: n is g with 5' attached Arg-Gly-Asp
      231 <400> SEQUENCE: 11
W--> 232 ncacactagc ttgagcacac cataggactc ccatgcttcg acaatgcgga gatcacgcag      60
      234 ctttacgata ccgc      74
      237 <210> SEQ ID NO: 12
      238 <211> LENGTH: 74
      239 <212> TYPE: DNA
      240 <213> ORGANISM: Artificial
      242 <220> FEATURE:
      243 <223> OTHER INFORMATION: Synthetic
      246 <220> FEATURE:
      247 <221> NAME/KEY: misc_feature
      248 <222> LOCATION: (31)..(39)
      249 <223> OTHER INFORMATION: N is inosine
      251 <220> FEATURE:
      252 <221> NAME/KEY: misc_feature
      253 <222> LOCATION: (43)..(51)
      254 <223> OTHER INFORMATION: N is inosine
      256 <400> SEQUENCE: 12
W--> 257 gcgggatcggt aaagctgcgt gatctccgca nnnnnnnnnnc atnnnnnnnnn natggtgtgc      60
      259 tcaagctagt gtgc      74
      262 <210> SEQ ID NO: 13
      263 <211> LENGTH: 9
      264 <212> TYPE: DNA
      265 <213> ORGANISM: Artificial
      267 <220> FEATURE:
      268 <223> OTHER INFORMATION: Synthetic
      271 <220> FEATURE:
      272 <221> NAME/KEY: misc_feature
      273 <222> LOCATION: (1)..(1)
      274 <223> OTHER INFORMATION: n is c with 5' attached Arg
      276 <400> SEQUENCE: 13
W--> 277 nctctagt      9
      280 <210> SEQ ID NO: 14
      281 <211> LENGTH: 9
      282 <212> TYPE: DNA
      283 <213> ORGANISM: Artificial
      285 <220> FEATURE:

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RAW SEQUENCE LISTING

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Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\03032006\J518056.raw

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286 <223> OTHER INFORMATION: Synthetic
289 <220> FEATURE:
290 <221> NAME/KEY: misc_feature
291 <222> LOCATION: (1)..(1)
292 <223> OTHER INFORMATION: n is g with 5' attached Gly
294 <400> SEQUENCE: 14
W--> 295 naagctggtt 9
298 <210> SEQ ID NO: 15
299 <211> LENGTH: 9
300 <212> TYPE: DNA
301 <213> ORGANISM: Artificial
303 <220> FEATURE:
304 <223> OTHER INFORMATION: Synthetic
307 <220> FEATURE:
308 <221> NAME/KEY: misc_feature
309 <222> LOCATION: (1)..(1)
310 <223> OTHER INFORMATION: n is t with 5' attached Asp
312 <400> SEQUENCE: 15
W--> 313 ncctgaggg 9
316 <210> SEQ ID NO: 16
317 <211> LENGTH: 39
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Synthetic
324 <400> SEQUENCE: 16
325 catcctctag tgatgcctct agtgtgccct ctagtggca 39
328 <210> SEQ ID NO: 17
329 <211> LENGTH: 39
330 <212> TYPE: DNA
331 <213> ORGANISM: Artificial
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Synthetic
336 <400> SEQUENCE: 17
337 catgaagctg ttatggaagc tgtttgcgaa gctgttgca 39
340 <210> SEQ ID NO: 18
341 <211> LENGTH: 39
342 <212> TYPE: DNA
343 <213> ORGANISM: Artificial
345 <220> FEATURE:
346 <223> OTHER INFORMATION: Synthetic
348 <400> SEQUENCE: 18
349 cattcctgag ggatgtcctg aggggtgctcc tgagggggca 39
352 <210> SEQ ID NO: 19
353 <211> LENGTH: 39
354 <212> TYPE: DNA
355 <213> ORGANISM: Artificial
357 <220> FEATURE:
358 <223> OTHER INFORMATION: Synthetic

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RAW SEQUENCE LISTING ERROR SUMMARY
 PATENT APPLICATION: US/10/518,056

DATE: 03/03/2006
 TIME: 13:00:23

Input Set : A:\sequence listing.txt
 Output Set: N:\CRF4\03032006\J518056.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 35
 Seq#:3; N Pos. 1
 Seq#:5; N Pos. 1
 Seq#:6; N Pos. 16, 17, 18, 19, 20, 21, 22, 23, 24, 47
 Seq#:7; N Pos. 1
 Seq#:8; N Pos. 16, 17, 18, 19, 20, 21, 22, 23, 24
 Seq#:9; N Pos. 1
 Seq#:10; N Pos. 31, 32, 33, 34, 35, 36, 37, 38, 39, 43, 44, 45, 46, 47, 48, 49, 50, 51, 74
 Seq#:11; N Pos. 1
 Seq#:12; N Pos. 31, 32, 33, 34, 35, 36, 37, 38, 39, 43, 44, 45, 46, 47, 48, 49, 50, 51
 Seq#:13; N Pos. 1
 Seq#:14; N Pos. 1
 Seq#:15; N Pos. 1

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
 Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51
 Seq#:52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69

VERIFICATION SUMMARY

DATE: 03/03/2006

PATENT APPLICATION: US/10/518,056

TIME: 13:00:23

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\03032006\J518056.raw

L:59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:77 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:60
L:232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0